

IN THE CLAIMS:

Please cancel claims 24, 35 and 39-41 without prejudice. Please amend claims 19-23, 25-34, 36-38 as indicated below. The following is a complete listing of all claims and replaces any prior listing.

Claims 1-18 Cancelled.

19. (Currently amended) A ~~substance~~ composition comprising a carbon nanotube, an enzyme co-factor ~~electrochemiluminescence co-reactant~~ attached to said carbon nanotube, and an electrochemiluminescent label attached to said carbon nanotube, wherein said enzyme co-factor is selected from a group consisting of NADH, NADPH, NAD⁺, NADP⁺ or a derivative thereof.

20. (Currently amended) The ~~substance~~ composition of claim 19, wherein said electrochemiluminescent label comprises a metal atom.

21. (Currently amended) The ~~substance~~ composition of claim 20, wherein said metal is Ru, Os or Re.

22. (Currently amended) The ~~substance~~ composition of claim 20, wherein said metal is Ru.

23. (Currently amended) The ~~substance~~ composition of claim 19, wherein said electrochemiluminescent label is Ru(bpy)₃²⁺.

24. Cancelled.

25. (Currently amended) The ~~substance~~ composition of claim 19, wherein said electrochemiluminescent label is attached to said carbon nanotube via a functional group.

26. (Currently amended) The ~~substance~~ composition of claim 19, wherein said electrochemiluminescence co-reactant is attached to said carbon nanotube via a functional group.